

WHAT IS CLAIMED IS:

1. A fastening structure comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, a serration provided on an outer peripheral surface of the larger outer diameter portion, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

a mounting member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the mounting member; and

wherein the bolthole of the flange portion is comprised of a first enlarged part enlarged in a taper shape toward the seat surface of the flange portion, a center small diameter part, and a second enlarged part on the brake disk side; and

wherein the serration of the bolt is engaged with the center small diameter part of the bolthole of the flange portion.

2. A fastening structure as claimed in claim 1, wherein all of the serration of the bolt is engaged with the center small diameter part of the bolthole of the flange portion.

3. A fastening structure as claimed in claim 1, wherein the second enlarged part of the bolthole is enlarged in a taper shape toward the brake disk side.

5 4. A fastening structure as claimed in claim 1, wherein at least one of the first and second enlarged parts of the bolthole has a length in the axial direction of the bolt exceeding 13% of a thickness in the axial direction of the flange portion.

10 5. A fastening structure as claimed in claim 1, wherein a length in the axial direction of the serration of the bolt does not exceed 74% of a thickness in the axial direction of the flange portion.